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IMA Executive Committee:

Karl Kainer	ima.magnesium@hzg.de	Ronald Chang	c.j.chang@foxconn.com
Guenter Franke	guenter.franke@magontec.com	Jan Guy	JGuy@amacor.us
Tom Heider	tomh@tcdcinc.com	Anthony LoCoco	tlococo@cwmtl.com
Joyce Mandel	jmandel@tso.net	Walter Treiber	wtreiber@cwmtl.com
Ken White	ken.white@magnesium-elektron.com		

Below are articles and summaries of **magnesium** related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

INDUSTRY CALENDAR

August 21 – 22, 2012
 Global Automotive Lightweight Materials
 Detroit, Michigan, USA
<http://www.global-automotive-lightweight-materials-detroit.com/>

September 27– 29, 2012
 Calcium and Magnesium in Groundwater -
 Distribution and Significance International
 Seminar
 Katowice, Poland
<http://camgseminar.pgi.gov.pl>

September 30 – October 3, 2012
 COM 2012
 Niagra Falls, Ontario, Canada
<http://www.cim.org/com2012/>

October 30, 2012
**IMA Magnesium Applications Seminar North
 America (more details coming soon!)**
 Ypsilanti, Michigan, USA
www.IMAseminar.org

March 3 – 7, 2013
 TMS 2013
 San Antonio, Texas, USA
<http://www.tms.org/meetings/annual-13/AM13home.aspx>

May 19 – 22, 2013
**70th Annual IMA World Magnesium
 Conference (more details coming soon!)**
 Xi'an, China
www.IMAworldconference.org

Contact IMA

Mike Schultze, Conference Director
 E-mail: mschultze@tso.net

Ann Scheible, Director Member Services
 E-mail: ascheible@tso.net

IMA staff can also be reached at:
 International Magnesium Association
 1000 N. Rand Road, Suite 214
 Wauconda, IL 60084 USA
 Tel: 847-526-2010; Fax: 847-526-3993
E-mail: info@intlomag.org
Website: www.intlomag.org

Asian Director: Shanel Tsai
 IMA Asia Representative Office
 7F No.12-2 Alley 658 Jinzhong Road
 Changning District
 Shanghai, China 200335
 Phone: +86 (21) 6402 2930
 Email : shanel@intlomag.org.cn

European Director: Johan Westman
 Krebsmuehlenring 96
 96482 Ahorn, Germany
 Bus: +49 (173) 5934 383
 E-mail: jwestman@web.de

ASSOCIATION NEWS

IMA Announces the Magnesium Applications Seminar North America

New IMA President Prof. Dr. Karl Kainer invited to TMS 2013 Annual Meeting as Keynote Speaker

Please Join Us for the 70th Annual World Magnesium Conference in Xi'an, China

Articles follow below

INDUSTRY NEWS

Wenxi Regal Magnesium Succeeded Patent Application for Specialized Alloy ~ Heat Resistant and Anti Creep Rare Earth Magnesium Alloy
Press Release, [Wenxi Regal Magnesium](#) (25-Jul-2012)

Sverdlovsk Government Does Not Rule That Russian Magnesium Project Might Have to be Restarted
www.steelguru.com (03-Aug-2012)

Articles follow below

CHINA'S LATEST

China June Top Ten Magnesium Exporters
www.metal-pages.com (07-Aug-2012)

China Magnesium Industry Market Bulletin
www.chinamagnesium.net (03-Aug-2012)

Articles follow below

EDITOR'S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.

ASSOCIATION NEWS

IMA Announces the Magnesium Applications Seminar North America

The International Magnesium Association (IMA) is happy to announce that it will again offer its Magnesium Applications Seminar North America. It will be held on Tuesday, October 30, 2012 at the Ann Arbor Marriott at Eagle Crest in Ypsilanti, Michigan, USA. Please save the date on your calendars!

Our newly elected IMA President, Prof. Dr. Karl Kainer, is planning to attend. He cordially invites members and non-members alike to attend.

The Magnesium Applications Seminar continues to expand on the past series of *Magnesium in Automotive Seminars* which had been popular for years but which focused only on that market segment. **Magnesium** has far greater capabilities in which the seminar will explore.

The tentative Seminar topics include information relative to Manufacturing Automation, ABB, Reis and Fanuc robots, different speed rolling and stamping, fasteners, finishers, machine houses and die casting. Engineers, designers and technicians involved with materials specification, structural design, mechanical design, purchasing professionals, and manufacturers will all find comprehensive educational presentations and case studies by **magnesium** experts on issues geared to provide the information and answers they need. The Seminar will also feature exhibits from **magnesium** producers, suppliers and manufacturers offering technical assistance and information on designing for and manufacturing with **magnesium**. More details regarding attending and exhibiting will be forthcoming at: www.IMAseminar.org.

New IMA President Prof. Dr. Karl Kainer Invited to TMS 2013 Annual Meeting as Keynote Speaker

Newly elected IMA President, Prof. Dr. Karl Kainer has been invited to present as a Keynote Speaker at the 142nd TMS 2013 Annual Meeting which takes place from March 3 – 7, 2013 in San Antonio, Texas, USA. In addition to speaking about the **magnesium** topic of his choice, Prof. Dr. Karl Kainer will also have a great opportunity to promote the IMA and our milestone 70th Annual World Magnesium Conference that will be held in 2013.

Please visit the TMS 2013 Annual Meeting website at <http://www.tms.org/meetings/annual-13/AM13home.aspx> for more information.

Please Join Us for the 70th Annual World Magnesium Conference in Xi'an, China

The World Magnesium Conference is scheduled for May 19-22, 2013. This event is the premier international **magnesium** industry conference that highlights the latest technological advances, innovative applications, and emerging developments in the global marketplace. The conference combines informative technical sessions, exhibits, networking and social opportunities for a well-rounded industry experience.

- Industry Updates
- Technical Program, provide a wealth of information for **magnesium** industry professionals and address topics ranging from an overview of the current state of the **magnesium** industry to **magnesium** process breakthroughs, applications, and business management issues.
- Social Program
- Sponsorship Opportunities
- Awards of Excellence, IMA's competition recognizing outstanding **magnesium** products and innovative manufacturing technologies

- International Environmental Responsibility Awards
- IMA Annual Membership Meeting
- Exhibit Showcase
- Spouse Program
- Tours

Xi'an today sits in the fertile Wei River valley, one of the epicenters of early Chinese civilization. The area was home to the capitals of several major dynasties (historians can count 11), stretching all the way back to the Zhou in the 11th century BC. The remnants of this ancient world are everywhere – from the First Emperor's Terracotta Army to the Muslim influence that still characterizes the city. Many of the city's attractions are unique not only to the city itself, but to all of China.

Click [here](#) for the 2013 IMA Annual World Magnesium Conference flyer.

INDUSTRY NEWS

Wenxi Regal Magnesium Succeeded Patent Application for Specialized Alloy ~ Heat Resistant and Anti Creep Rare Earth Magnesium Alloy **Press Release, [Wenxi Regal Magnesium](#) (25-Jul-2012)**

Contact: Andrew Lee
Chief Marketing and Exporting Manager
Shanghai Regal Magnesium Limited Company
Address: UnitA2, 20/F, No.726, Yan'an Rd (W)
Shanghai, 200050, P.R.China
Mobile: +86 18721161023

Wenxi Regal currently filed application for a Heat resistant and Anti Creep Rare Earth Magnesium Alloy approved by Chinese government (Patent No. ZL201110057863.9), authorized validity starting July 25, 2012.

Above patented alloy belongs to AE44 series with intensified processing for anti-creeping and heat resistance.

Aluminum, Manganese and Cerium have been added into the new Magnesium Alloy and proven with superior strength and heat/creep resistance.

Success on this new patent demonstrated Wenxi Regal's commitment on Research and Development of Magnesium raw material and helps better promote application of Magnesium in Automotive and Aerospace industries.

Sverdlovsk Government Does Not Rule That Russian Magnesium Project Might Have to be Restarted **www.steelguru.com (03-Aug-2012)**

Interfax quoted Mr. Alexander Petrov deputy chairman of the regional government said the Sverdlovsk Region authorities do not rule out the possibility of launching a new Russian Magnesium project if the first project, OJSC Russian Magnesium goes bankrupt.

He said that, "I don't rule out that we'll have to start everything from the beginning, because the objective exists, the problem exists, there is interest, potential investors are emerging. I think that everything is not lost, even if Minmet and Solimag [the shareholders of the **magnesium** plant being built] pull out of the project. I think that the technology [to mine and process **magnesium**] can be bought."

Mr. Petrov said the **magnesium** recovery technology patented by the plant that is being built is currently worth about RUB 900 million. In addition, since the project was begun in 2006, there have been some thoughts, some developments that will now make it possible to improve this project.

Mr. Petrov explained why the shareholders voted against the new share issue. The shares were supposed to be sold in a private placement to Minmet Financing Company SA which currently owns two shares in the plant. The company proposed to pay for 50,000 shares in cash and acquire the other 150,000 shares by offsetting claims against Russian Magnesium on previously issued loans.

He said that "The RUB 50 million that were to be invested in the project in the form of cash do not solve the current problem. This would keep the company going, perhaps, to the end of the year, taking into account the need to even just pay wages, taxes, not to mention payment of the debt to Uralgiprommez."

Statements about the possibility of launching a second **magnesium** recovery project emerged following a dispute between the shareholders of Russian Magnesium.

Mr Alexei Ginzburg OJSC Russian Magnesium chief executive told Interfax that at an extraordinary general meeting in July OJSC Uralasbest and the Sverdlovsk Region government which each own 25% of the plant blocked a decision to issue new shares.

The plant's principal shareholder, LLC Solimag which is 25% owned by Ginzburg and 75% of LLC SMV Engineering, proposed to issue 200,000 common shares in the plant with par value of RUB 1,000 each in order to raise RUB 200 million to cover debts on wages to employees of the plant, pay tax debts and finance current operations.

CHINA'S LATEST

China June Top Ten Magnesium Exporters www.metal-pages.com (07-Aug-2012)

China exported 13,441 tonnes of unwrought **magnesium**, mostly in the form of **magnesium** ingots, 7,493 tonnes of unwrought **magnesium**, mostly in the form of **magnesium** alloy, and 8,087 tonnes of **magnesium** powder in June, according to official customs data.

The top ten **magnesium** ingot exporters are:

Order	Company	Quantity (Kg)
1	Sunwu Huaxin Trade Co., Ltd.	1929438
2	Heihe Rongke Economy and Trade Co., Ltd.	1451407
3	Oocl Logistics Warehousing and Transportation (Tianjin) Co., Ltd.	1285584
4	Shanxi Credit Magnesium Industry Co., Ltd.	701568
5	Shanxi International Import and Export Co., Ltd.	535554
6	Wanzai Huierjie Trade Co., Ltd.	405105
7	5401960147	400000
8	Guangan Zhongtai Business Service Co., Ltd.	392492
9	Shijiazhuang Qirun Industry Co., Ltd.	355276
10	Xiamen Qirun Industry Co., Ltd.	331857

The top ten **magnesium** alloy exporters are as follows:

Order	Company	Quantity (Kg)
1	Xi'an Magnotec Magnesium Co., Ltd.	1370696
2	Tianjin Desheng Magnesium Auto Components Co., Ltd.	1332943
3	2311960666	809855
4	Shanxi International Import and Export Co., Ltd.	658074

5	2312961566	596897
6	Nanjing Yunhai Metal Trade Co., Ltd.	303762
7	Yulin Tianlong Magnesium Co., Ltd.	299666
8	Guangan Zhongtai Business Service Co., Ltd.	285044
9	China National Non-Ferrous Metals Corp. Jiangsu Branch	254316
10	1301964781	216657

The top ten **magnesium** powder exporters are as follows:

Order	Company	Quantity (Kg)
1	Jiangsu Wuzhong Haili International Trade Co., Ltd.	1225200
2	Henan Yashun Trade Co., Ltd.	759200
3	Almament Tianjin Magnesium Industry Co., Ltd.	662000
4	Shanxi Xinghua Cun International (Group) Co., Ltd.	646800
5	Shanxi Dajin Machinery & Electricity Co., Ltd.	480000
6	4413963050	476000
7	4101963852	400000
8	TTS Fortune Co., Ltd.	282500
9	3608960858	352000
10	2311960666	220000

China Magnesium Industry and Market Bulletin

www.chinamagnesium.net (03-Aug-2012)

Market Focus

Magnesium Prices Adjust Slightly Lower for Weak Demand This Week

From July 9 to Jul 13, ex-works quotations for 99.9 minimum ingots from leading production bases slightly decreased as indicated in Shanxi from 18,500 – 18,700 yuan, Shaanxi from 18,400 to 18,500 yuan and Ningxia from 18,500 – 18,600 yuan. Export prices maintained at 3,200 - 3,250 US dollars. In Yuncheng, one source told Sunlight that they were quoted at 18,600-18,700 yuan, with a few contracts done. He believes that next week's price would go down for 100-200 yuan. "This week, Wenxi' producers are busy with previous orders, with nearly none stocks. So, quotation are quite flat. I think the price won't change sharply for at least two weeks." Last week, the China Customs has adjusted the minimum export price of **magnesium** to 3,200 USD. Another trader in Yuncheng confirmed with steady price. He heard that most of the Fugu's contracts were closed at 18,200-18,300 yuan. In Ningxia, **magnesium** market seems quite stable. Market players become more rational.

This week, Taiyuan's **magnesium** market was steady as well. One source said that, "Demand of the first half of 2012 seemed not well, however the supply was also bad. For the 2nd half of 2012, production of **magnesium** will be restrained by the coke market. So, it is possible that production can be even worse for the second half of 2012."

Industry News

Yunsheng Magnesium Restart Construction of its Magnesium Project

Yunsheng Magensium restarts the construction of **magnesium** project with 30 kt of **magnesium** alloy ingot annually, 10 kt of **magnesium** alloy die castings, and 600 kt of quality-modified coal. The total investment is 330 mln. Yuan. Up to now, the related examination and approval procedures for **magnesium** alloy lines and needed land have been almost finished.

Yunsheng Magensium, registered in Oct. 2009 and located in Yaogou county, Hohhot city, Inner Mongolia, is a model of cyclic economy enterprise.

Sale of Magnesium Alloy from Nanjing Welbow Grows During H2 (2012)

For January-June of 2012, Nanjing Welbow had a gross revenue of 1.621 bil. Yuan, down 3.82% compared with the same period of 2011; operating profit of 5.985 mil. Yuan, down 31.7% y-on-y.

Both sales of **magnesium** alloy and aluminum alloy had positive growth, however the revenue from them went down 3.82% compared with 2011. For Nanjing Welbow adjusted the percentage of product sales and processing material. The gross margin for **magnesium** alloy increased by 2.69 percent, whereas aluminum alloy segment was down by 2.1 percent due to weak demand.

Weihai Wanfeng Magnesium Acquires National Funds for Rare Earth Magnesium Project

Recently, MOST published the national fund for scientific and technological project of small and medium sized enterprises. Project of mixed rare earth **magnesium** alloy material & wheel products of Shandong Weihai Wanfeng Magensium, together with other 17 projects will acquire 11.85 mln. yuan from MOST.

Wanfen Magnesium, a subsidiary of Wanfeng Auto Group, was founded in 2002. It specializes research, production and sales of metals, locomotive spares, environmental protection equipment, popkart, exercise apparatus etc,. It is a leading enterprise in the application of **magnesium** alloy.

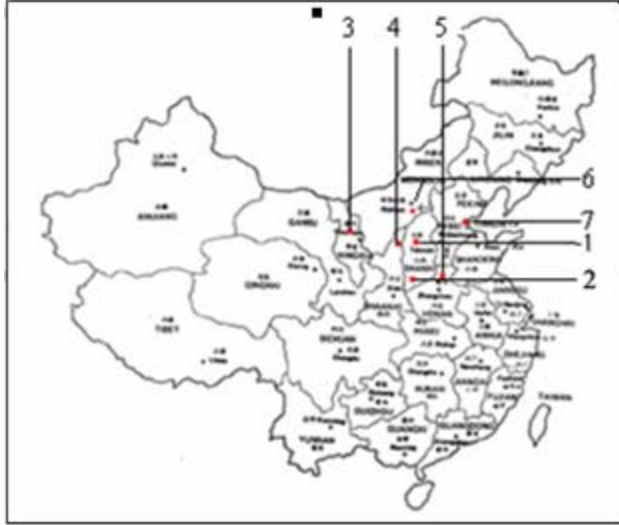
Price Indicators

Sunlight's Price, Pure Magnesium (>99.8%) and Aluminium

Item		Magnesium Price	Unit
Shanxi Province	Taiyuan City,ex-works¹	18500-18700	RMB yuan/ton
	Yuncheng City,ex-works²	18600-18800	RMB yuan/ton
Ningxia Autonomous Region, ex-works³		18400-18600	RMB yuan/ton
Shaanxi Province, ex-works⁴		18400-18500	RMB yuan/ton
Henan Province, ex-works⁵		None	RMB yuan/ton
Inner Mongolia Autonomous Region, ex-works⁶		None	RMB yuan/ton
FOB Xingang, Tianjin⁷		3200-3250	USD/ton
CIF, Rotterdam Port		3200-3300	USD/ton
CIF, Toronto Port		3240-3340	USD/ton
Date	SHFE Spot Aluminium	Unit	
30-Jul.-2012	15490/	RMB yuan/ton	
3-Aug.-2012	15390/	RMB yuan/ton	

SHFE: Shanghai Future exchange

(Exchange Rate of USD versus RMB is 6.3573 on August 3 based on <http://www.boc.cn/>. We place a Chinese map here to mark the major production bases and Xingang Port of Tianjin for your reference.



Note:

1. All the ex-works prices are VAT-paid.
2. The FOB price is based on ex-works basis, plus inland freight and miscellaneous expenses at Xingang Port of Tianjin. Because the distance from these six production bases to Xingang Port is different, their land freights also vary. FOB price includes 10-percent exports tariff from Jan. 1, 2008.
3. CIF prices are based on FOB price plus ocean freight and insurance, which will also vary time by time.
4. When getting ex-works price and FOB price, we give some weight numbers to each respondent and then get the weighted average prices.



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